



**Program of Study at New York Institute of Technology**  
Bachelor of Science in Biotechnology

**Courses to be completed at New York Tech:**

<b><u>Major courses:</u></b>		<b><u>Credits</u></b>
BIOL 235	Microbiology	4
BIOL 238	Introduction to Biotechnology	3
BIOL 250	Biostatistics	3
BIOL 337	Molecular Biology	3
BIOL 340	Biochemistry	4
BIOL 341	Genetic Engineering	3
BIOL 350	Bioinformatics	3
BIOL 395	Introduction to Research Literature	3
BIOL 432	Cell Biology	3
BIOL 442	Bioprocessing	3
BIOL/CHEM	Project Lab or Research	3-4
CHEM 250	Organic Chemistry II	4
CHEM 420	Pharmaceutical Chemistry	3
CHEM 440	Drug Discovery	3
MATH 170	Calculus I	4
PHYS 175	General Physics for Pre-Med I	5
PHYS 185	General Physics for Pre-Med II	5

**Core and additional requirements:**

FCWR 302	Communication for Healthcare Careers <i>or</i>	
FCWR 304	Communication for Technical Professions	3
3XX Seminar	Seminar subject based on courses completed at LaGuardia CC	3
Elective		<u>1</u>

**Total Credits at New York Institute of Technology:** **66-67**



4-26-2023

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**Dr. Daniel Quigley, Dean**  
**College of Arts and Sciences, New York Institute of Technology**

Date

*Effective as of Fall 2023*